

RUB

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MMc	1	6678518		2004-01-13	Eerola	
	2	6594700		2003-07-15	Graham et al.	
	3	7127704		2006-10-24	Van De Vanter et al.	
	4	7076772		2006-07-11	Zatloukal	
	5	6847981		2005-01-25	Song et al.	
	6	6721779		2004-04-13	Maffeis	
	7	6141701		2000-10-31	Whitney	
	8	6411698		2002-06-25	Bauer et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10784376
Filing Date		2004-02-23
First Named Inventor	Arvind Sundararajan	
Art Unit	2178	
Examiner Name	Manglesh M. Patel	
Attorney Docket Number	BEAS-01391US1	

MMI	9	6012083		2000-01-04	Savitzky et al.	
	10	6212546		2001-04-03	Starkovich et al.	
	11	6560636		2003-05-06	Cohen et al.	
	12	7107578		2006-09-12	Alpern	
	13	6377939		2002-04-23	Young	
	14	6748420		2004-06-08	Quatrano et al.	
	15	7117504		2006-10-03	Smith et al.	
	16	6915519		2005-07-05	Williamson et al.	
	17	6976086		2005-12-13	Sadeghi et al.	
	18	6445711		2002-09-03	Scheel et al.	
↓	19	6070184		2000-05-30	Blount et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10784376
Filing Date		2004-02-23
First Named Inventor	Arvind Sundararajan	
Art Unit	2178	
Examiner Name	Manglesh M. Patel	
Attorney Docket Number	BEAS-01391US1	

MM?	20	6889244		2005-05-03	Gaither et al.	
↓	21	6963914		2005-11-08	Breitbart et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S. PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MM?	1	20030149791		2003-08-07	Kane et al.	
↓	2	20020083075		2002-06-27	Brummel et al.	
↓	3	20020010803		2002-01-24	Oberstein et al.	
↓	4	20020184610		2002-12-05	Chong et al.	
↓	5	20020004848		2002-01-10	Sudarshan et al.	
↓	6	20040204976		2004-10-14	Oyama et al.	
↓	7	20040019645		2004-01-29	Goodman et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number		10784376
Filing Date		2004-02-23
First Named Inventor	Arvind Sundararajan	
Art Unit	2178	
Examiner Name	Manglesh M. Patel	
Attorney Docket Number	BEAS-01391US1	

mq	8	20060206856		2006-09-14	Breeden et al.	
	9	20020120685		2002-08-29	Srivastava et al.	
	10	20030004746		2003-01-02	Kheirloomoom et al.	
	11	20030055868		2003-03-20	Fletcher et al.	
	12	20030043191		2003-03-06	Tinsley et al.	
	13	20030055878		2003-03-20	Fletcher et al.	
	14	20030126136		2003-07-03	Omoigui	
	15	20040148336		2004-07-29	Hubbard et al.	
	16	20020152106		2002-10-17	Stoxen et al.	
✓	17	20030167358		2003-09-04	Marvin et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS


Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
MM9	1	SOSNOSKI; "XML and Java technologies: Data binding, Part 1: Code generation approaches -- JAXB and more," IBM, January 1, 2003, http://www-128.ibm.com/developerworks/library/x-databdopt/index.html , pp. 1-11.	<input type="checkbox"/>
1	2	CHEN, et al., "eCo Architecture for Electronic Commerce Interoperability," CommerceNet eCo Framework Project, June 29, 1999, CommerceNet, Inc., pp. 1-107.	<input type="checkbox"/>
	3	JAVA Debug Interface - definition, retrieved from <URL http://java.sun.com/j2se/1.4.2/docs/guide/jpda/jdi/overview-summary.html on February 21, 2007, pp. 1-3.	<input type="checkbox"/>
	4	KILGORE, "Multi-Language, Open-Source Modeling Using the Microsoft .NET Architecture," Proceedings of the 2002 Winter Simulation Conference, December 8-11, 2002, IEEE, Vol. 1, pp. 629-633.	<input type="checkbox"/>
	5	EMBURY, et al., "Assisting the Comprehension of Legacy Transactions," Proceedings of the Eighth Working Conference on Reverse Engineering, October 2-5, 2001, pp. 345-354.	<input type="checkbox"/>
	6	MAYS, et al., "A Persistent Store for Large Shared Knowledge Bases," IEEE Transactions on Knowledge and Data Engineering, Vol. 3, No. 1, March 1991, pp. 33-41.	<input type="checkbox"/>
↓	7	TANG, et al., "Integrating Remote Invocation and Distributed Shared State," Proceedings of the 18th International Parallel and Distributed Processing Symposium, (IPDPS '04), April 26-30, 2004, 10 pages.	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

EXAMINER SIGNATURE

Examiner Signature		Date Considered	06/06/07
--------------------	-----------------------------------------------------------------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

U.S. PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
MMF	1	5867822		1999-02-02	Sankar	
	2	6092102		2000-07-18	Wagner	
	3	6567738	B2	2003-05-20	Gopp et al.	
	4	6687702	B2	2004-02-03	Vaitheeswaran et al.	
	5	6757689	B2	2004-06-29	Battas et al.	
	6	6959307	B2	2005-10-25	Apte	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S. PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	-------------------------------------------------	--------------------------------------------------------------------------

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

<i>MMP</i>	1	20020010781	A1	2002-01-24	Tuatini	
<i>↓</i>	2	20020174178	A1	2002-11-21	Stawikowski	
<i>✓</i>	3	20020194267	A1	2002-12-19	Flesner et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

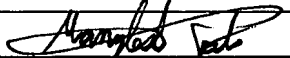
If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1		<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

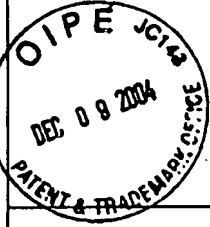
Examiner Signature		Date Considered	06/06/07
--------------------	-------------------------------------------------------------------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Form PTO-1449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number BEAS-01391US1		Serial/Patent Number 10/784,376	
				Applicant/Patent Owner Sundararajan et al.			
				Filing/Issue Date February 23, 2004		Group Art Unit 2176 2178	
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MAP		5,836,014	11/10/98	Faiman, Jr.	395	117	05/16/94
↓		6,732,237	05/04/04	Jacobs et al.	711	119	08/29/00
↓		6,804,686	10/12/04	Stone et al.	707	104.1	09/10/02
U.S. PATENT PUBLICATIONS							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
PENDING U.S. PATENT APPLICATIONS							
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No		
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
MAP		"Introducing Microsoft DotNet"; by Christophe Lauer, 07/02/2002; http://web.archive.org/web/20020702162429/http://www.freevbcode.com/ShowCode.asp?ID=2171 ; pp 1-10.					
Examiner <i>Mangal</i>				Date Considered 06/07/07			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.							
*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.							



Form PTO/BD-449
(Substitute)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
Information Disclosure Statement
BY APPLICANT
(Use several sheets if necessary)

Attorney Docket Number

BEAS-01391US1

Serial/Patent Number

10/784,376

Applicant/Patent Owner

Sundararajan et al.

Filing/Issue Date

February 23, 2004

Group Art Unit

8926 2178

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MMP	5,862,327	01/19/99	Kwang et al.	395	200	06/10/96
	5,950,010	09/07/99	Hesse et al.	395	203	11/25/96
	6,023,722	02/08/00	Colyer	709	201	07/23/97
	6,067,548	05/23/00	Cheng	707	103R	07/16/98
	6,141,686	10/31/00	Jackowski et al.	709	224	06/23/98
	6,222,533	04/24/01	Notani et al.	345	329	08/25/97
	6,230,309	05/08/01	Turner et al.	717	107	04/25/97
	6,237,135	05/22/01	Timbol	717	107	09/11/98
	6,282,711	08/28/01	Halpern et al.	717	107	08/10/99
	6,324,681	11/27/01	Sebesta et al.	717	102	10/01/98
	6,349,408	02/19/02	Smith	717	107	06/30/98
	6,393,605	05/21/02	Loomans	717	121	11/17/99
	6,549,949	04/15/03	Bowman-Amuah	709	236	08/31/99

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
MMP	2002/0073080 A1	06/13/02	Lipkin
J	2003/0046266 A1	03/06/03	Mullins et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No
MMP	WO 01/90884 A2	29/Nov/01	Europe	G06F	9/00	X

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

MMP	Mariucci et al., "Enterprise Application Server Development Environments"; University of Stuttgart; 10 th October 2000; last update; pp: 1-30.
J	IPPlanet, e-commerce solutions; "iPlanet Application Server 6.0 White Paper", technical reference guide; May 25, 2000; pp:1-104.
J	Roman et al., "The Technical Benefits of EJB and J2EE Technologies over COM+ and Windows DNA", December 1999, Prepared for Sun Microsystems, Inc. © 1999 The Middleware Company; pp: 1-24.

MM1	HP Application Server; Technical Guide Version 8.0; Hewlett-Packard Company; © Copyright 1999-2001; pp: 1-234.
MM2	Deuvo et al., "An Infrastructure for the Dynamic Distribution of Web Applications and Services"; Department of Computer Science, Boston University, December 2000; BUCS-TR-2000-027; pp: 1-22.
Examiner	<i>Handwritten signature</i> Date Considered 06/07/03
<p>*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> <p>*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.</p> <p>*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.</p>	



Form PTO-1449 (Substitute) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	Attorney Docket Number	Serial/Patent Number
	BEAS-01391US1	10/784,376
	Applicant/Patent Owner Sun dararajan et al.	
	Filing/Issue Date February 23, 2004	Group Art Unit 2176 2178

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MMP	6,028,997	02/22/00	Leymann et al.	395 212	701 104	05/30/97

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

MMP	Kunisetty, "Workflow Modeling and Simulation Using an Extensible Object-Oriented Knowledge Base Management System" CiteSeer, 1996, pp: 1-60
	Van Der Aalst et al., "Verification of XRL: An XML-Based Workflow Language" IEEE, July 2001, pp: 427-432
	Blake, "Rule-Driven Coordination Agents: A Self-Configurable Agent Architecture for Distributed Control" IEEE, March 2001; pp: 271-277
	Dahalin et al., "Workflow Interoperability Using Extensible Markup Language (XML)" IEEE, July 2002; pp: 513-516

Examiner	<i>Mangalath</i>	Date Considered	06/07/07
----------	------------------	-----------------	----------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.

*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	Attorney Docket Number BEAS-01391US1	Serial/Patent Number 10/784,376
	Applicant/Patent Owner Sundararajan et al.	
	Filing/Issue Date February 23, 2004	Group Art Unit 2176 2178

U.S. PATENTS

Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
<i>MMF</i>	5,321,841	06/14/94	East et al.	395 713	725 107	01/29/93
	5,961,593	10/05/99	Gabber et al.	709	219	01/22/97
	6,067,623	05/23/00	Blakley III et al.	713 726	201 5	11/21/97
	6,338,064 B1	01/08/02	Ault et al.	707	9	05/14/98
	6,604,198 B1	08/05/03	Beckman et al.	713	167	05/03/02
	6,795,967 B1	09/21/04	Evans et al.	719	310	01/26/99
	6,802,000 B1	10/05/04	Greene et al.	713	168	10/28/99

U.S. PATENT PUBLICATIONS

Examiner Initial	Patent Application Publication Number	Publication Date	Applicant
<i>MMF</i>	2003/0041198 A1	02/27/03	Exton et al.

PENDING U.S. PATENT APPLICATIONS

Examiner Initial	Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Publication Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

Examiner <i>Mangab</i>	Date Considered <i>06/07/07</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	
*1 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20____, relied on under 35 USC §120.	
*2 = Copy not submitted because it was submitted in prior application SN /_____, filed _____, 20____, relied on under 35 USC §120.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

U.S.PATENTS

[Remove](#)

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
MMP	1	6222533	B1	2001-04-24	Notani et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

[Add](#)

U.S.PATENT APPLICATION PUBLICATIONS

[Remove](#)

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
MMP	1	20020194495	A1	2002-12-19	Gladstone et al.	
MMP	2	20030018832	A1	2003-01-23	Amirisetty et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

[Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² j	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

[Add](#)

NON-PATENT LITERATURE DOCUMENTS


[Remove](#)

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****(Not for submission under 37 CFR 1.99)**

Application Number	10784376
Filing Date	2004-02-23
First Named Inventor	Arvind Sundararajan
Art Unit	2178
Examiner Name	Manglesh M. Patel
Attorney Docket Number	BEAS-01391US1

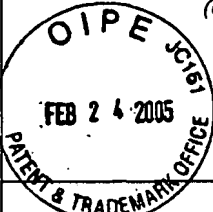
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
MMP	1	ERICH LIEBMANN, et al., "Adaptive Data Dissemination and Caching for Edge Service Architectures Built with the J2EE", March 2004, ACM Press, 2004 ACM Symposium on Applied Computing, pages 1717-1724	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button **EXAMINER SIGNATURE**

Examiner Signature		Date Considered	06/07/07
--------------------	-----------------------------------------------------------------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Substitute) PATENT AND TRADEMARK OFFICE Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)				Attorney Docket Number BEAS-01391US1		Serial/Patent Number 10/784,376	
				Applicant/Patent Owner Sundararajan et al.			
				Filing/Issue Date February 23, 2004		Group App/Unit 2176 2178	
U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
MAP		6,226,675 B1	05/01/01	Meltzer et al.	709	223	10/16/98
↓		6,230,287 B1	05/08/01	Pinard et al.	714	31	09/03/98
↓		6,569,693 B1	07/15/03	Borwankar	709	219	06/22/99
U.S. PATENT PUBLICATIONS							
Examiner Initial		Patent Application Publication Number	Publication Date	Applicant			
MAP		2002/0165936 A1	11/07/02	Alston et al.			
↓		2003/0110117 A1	06/12/03	Saidenberg et al.			
↓		2003/0018665 A1	01/23/03	Dovin et al.			
↓		2004/0133660 A1	07/08/04	Junghuber et al.			
↓		2004/0225995 A1	11/11/04	Marvin et al.			
OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)							
MAP		Paul, Laura Gibbone, "RosettaNet: Teaching business to work together", 10/1/1999. http://www.developer.com/xml/article.php/616641					
Examiner <u><i>Harold</i></u>				Date Considered <u><i>06/07/07</i></u>			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							
*1 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.							
*2 = Copy not submitted because it was submitted in prior application SN / _____, filed _____, 20____, relied on under 35 USC §120.							